

AMENDMENTS

IN THE CLAIMS:

Please amend Claim 1 and add new Claims 37-39 as follows:

1. (Once Amended) A system for launching a projectile to remove a body of rock in an excavation, comprising:

a projectile that includes:

a nose, the nose being one of substantially flat and concave to inhibit deflection of the projectile from a face of the rock;

a body containing an explosive charge; and

a tail having a plurality of fins to control the trajectory of the projectile;

and

a tube for launching the projectile.

37. (New) The system of Claim 1, wherein said nose is concave.

38. (New) The system of Claim 1, wherein said nose is substantially flat.

39. (New) The system of Claim 1, wherein said nose has a diameter that is about equal to a maximum diameter of said projectile.